



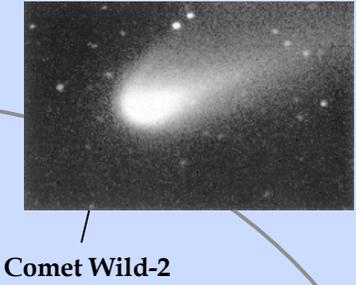
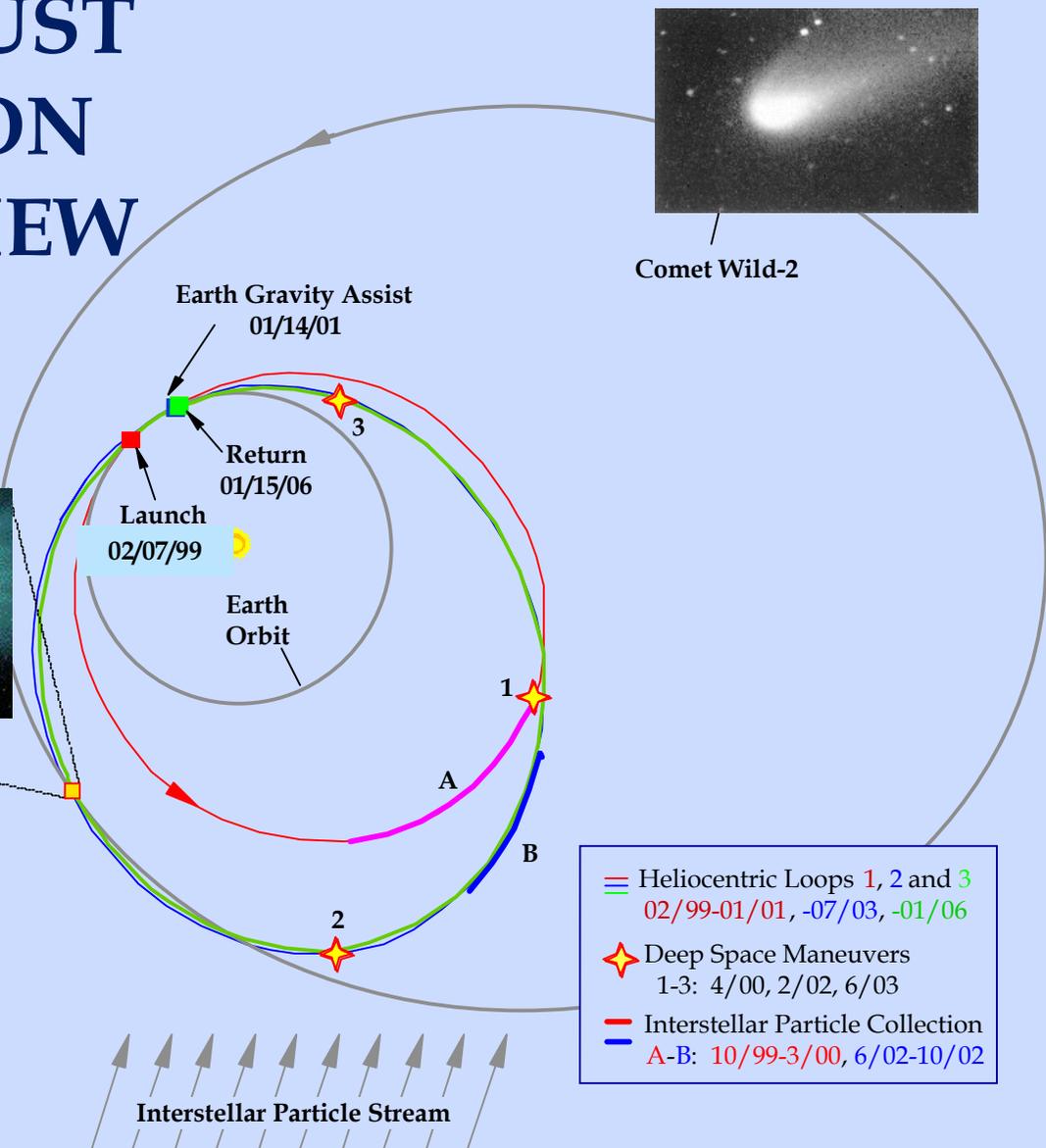
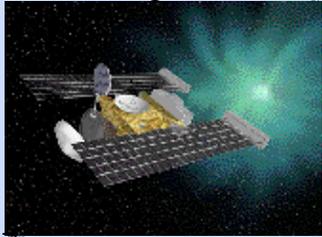
*“There I was at 30,000 feet.....”*



**Dr. Ken Atkins**  
Jet Propulsion Laboratory  
California Institute of Technology  
Pasadena, CA

# STARDUST MISSION OVERVIEW

Wild-2 Encounter  
01/02/04  
Velocity=6.1 km/s  
Solar Range=1.9 AU  
Earth Range=2.6 AU



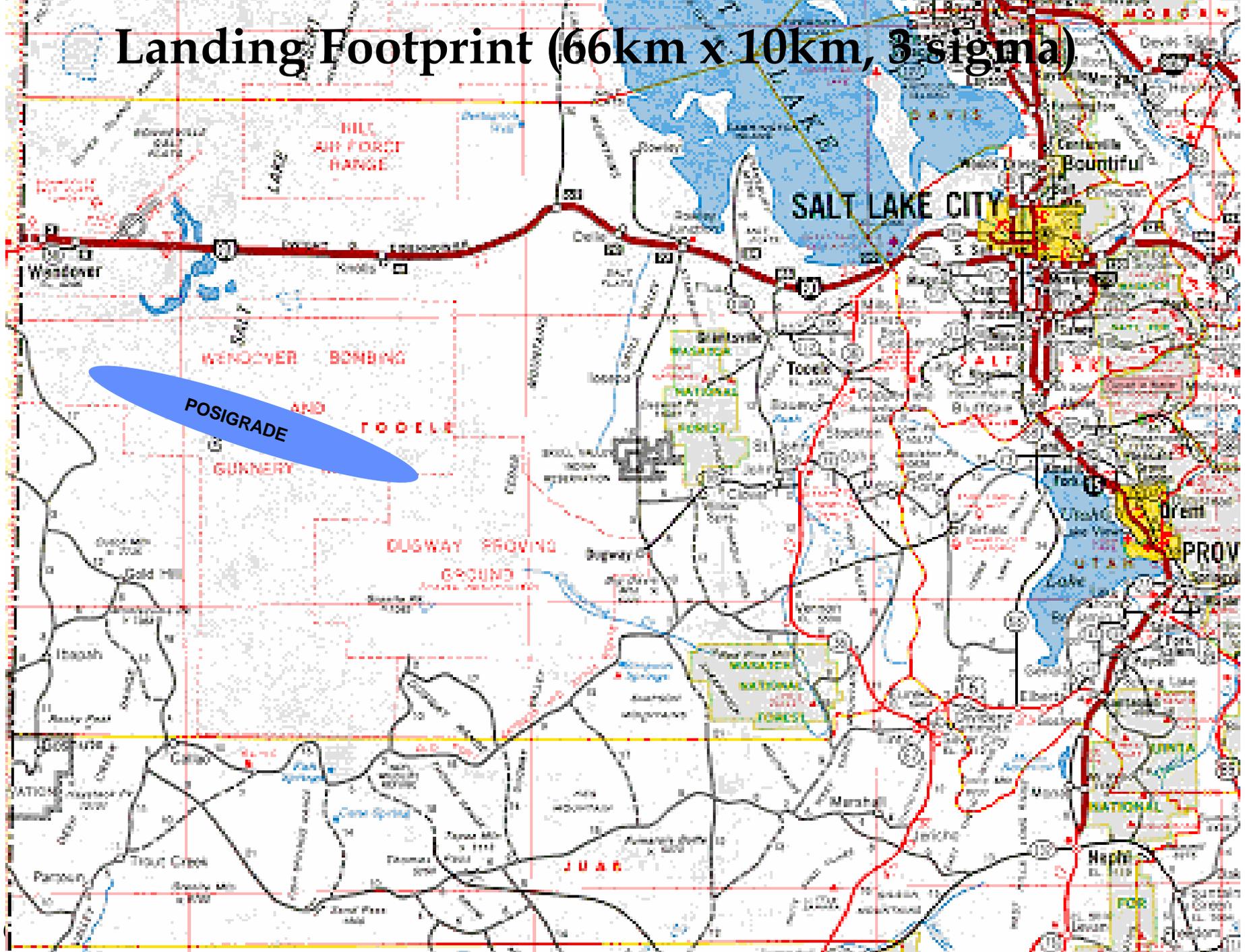
Comet Wild-2



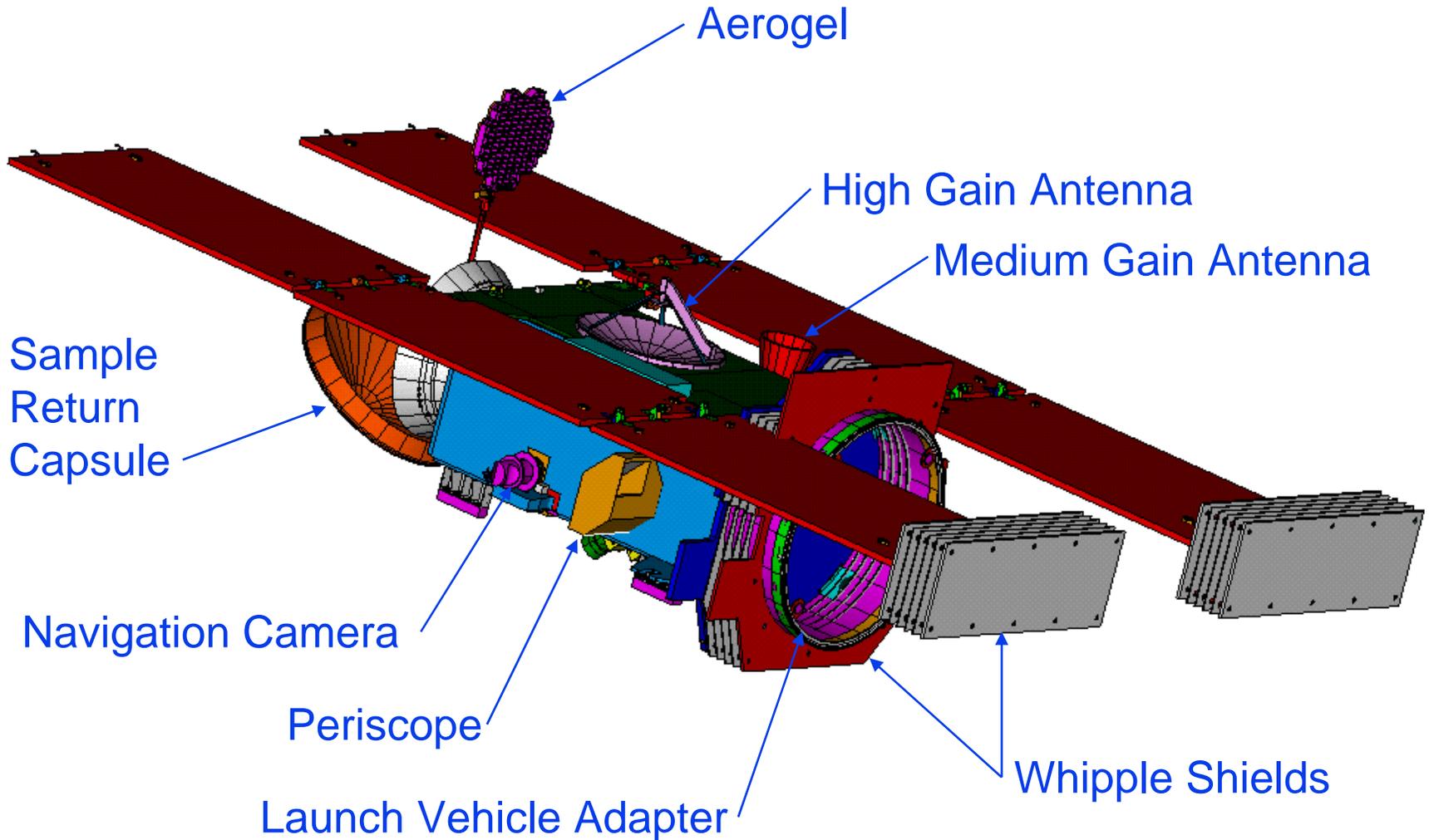
- ≡ Heliocentric Loops 1, 2 and 3  
02/99-01/01, -07/03, -01/06
- ★ Deep Space Maneuvers  
1-3: 4/00, 2/02, 6/03
- Interstellar Particle Collection  
A-B: 10/99-3/00, 6/02-10/02

Interstellar Particle Stream

# Landing Footprint (66km x 10km, 3 sigma)

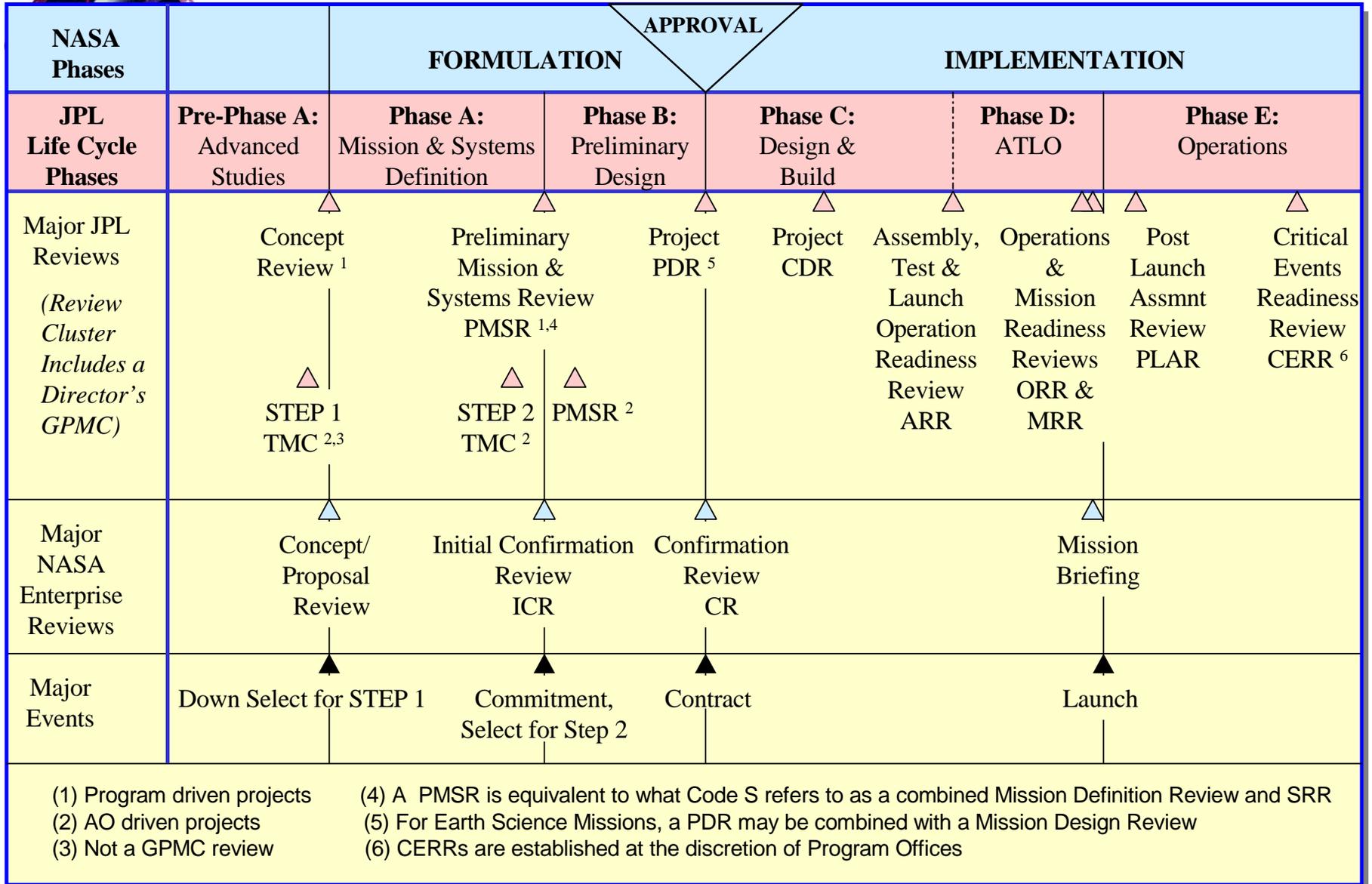


# Stardust Flight System





# The JPL Project Life Cycle





# *Stardust Budget*

- ◆ **Technical Definition Phase (Phase B) - \$9.6 million**
- ◆ **Development Phase (Phase C/D) - \$117.8 million**
  - ◆ **Not Including Launch Vehicle**
- ◆ **Operations Phase - \$37.2 million**

=====

**TOTAL - \$164.6**



# Stardust - Preparing for Solar Array Test





# Stardust @ KSC - Jan. 1999



Feb. 2003



# Stardust Launch Feb 7, 1999

